

## INTERNATIONAL SEARCH REPORT

PCT/EP 03/0383

10/510383

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C07C69/734 C07C259/10 A01N37/50 C07C67/343

Rec'd PCT/PTO 05 OCT 2004

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BEILSTEIN Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 145 980 A (LORENZ GISELA ET AL) 8 September 1992 (1992-09-08)	1-3, 6-12, 15-23
Y	column 1, line 5 -column 3, line 35 table 1, compounds N° 1.197 to 1.202 column 31, line 43 -column 33, line 54; claims 1-3 ---	4,5,13, 14
X	US 5 545 664 A (KIRSTGEN REINHARD ET AL) 13 August 1996 (1996-08-13)	1-3, 6-12, 15-23
Y	column 10, line 1 - line 40 column 54, line 59 -column 55, line 15 column 66, line 35 -column 67, line 18 table A, compounds n° A.1937-A.1958 column 84, line 33 -column 91, line 23; claims 1,4-10 ---	4,5,13, 14
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

18 August 2003

27/08/2003

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

PCT/EP 03/03784

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 398 692 A (SHIONOGI & CO) 22 November 1990 (1990-11-22) cited in the application formula (I-3) on page 5; scheme 4 on page 13 claims 2,14-16 -----	1-23

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**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.: 1(part) because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
  
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

- The additional search fees were accompanied by the applicant's protest.  
 No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1(part)

The compounds of general formula (I) in claim 1 are defined such that for the parameter n equal or greater than 2, the radical A represents a halogen atom or a C1-C4 alkyl, haloalkyl, alkoxy, haloalkoxy group. The parameter n is an integer ranking from 0 to 4. For the case, wherein n = 1, no definition is provided for the radical A. There is no additional information provided in the description, which could allow to apprehend the extent of the protection sought for the radical A when n = 1.

Accordingly the search was performed only on those parts, which are supported, i.e. n = 0, 2, 3 or 4.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

## INTERNATIONAL SEARCH REPORT

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5145980	A	08-09-1992	DE AU AU CA EP HU IL JP NZ ZA	3917352 A1 632124 B2 5589990 A 2014781 A1 0400417 A1 54276 A2 94083 A 3017052 A 233815 A 9004024 A		29-11-1990 17-12-1992 27-09-1990 27-11-1990 05-12-1990 28-02-1991 30-03-1995 25-01-1991 29-01-1992 29-01-1992
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EP 0398692	A	22-11-1990	AT AT AU AU BR BR BR CA DE DE DE DE DK DK EP EP ES ES GR GR JP JP JP JP JP JP JP JP JP KR US US US US ZA	141589 T 145891 T 628972 B2 5508890 A 1100783 A3 1100785 A3 9002311 A 2017076 A1 69028136 D1 69028136 T2 69029334 D1 69029334 T2 398692 T3 629609 T3 0398692 A2 0629609 A1 2093013 T3 2097583 T3 3021270 T3 3022142 T3 2818143 B2 8253449 A 2759069 B2 8231310 A 2558001 B2 3246268 A 9502600 B1 5371223 A 5401877 A 5548078 A 5185342 A 5371222 A 9003689 A		15-09-1996 15-12-1996 24-09-1992 22-11-1990 06-06-2000 21-03-2000 06-08-1991 17-11-1990 26-09-1996 23-01-1997 16-01-1997 30-04-1997 16-09-1996 23-12-1996 22-11-1990 21-12-1994 16-12-1996 01-04-1997 31-01-1997 31-03-1997 30-10-1998 01-10-1996 28-05-1998 10-09-1996 27-11-1996 01-11-1991 23-03-1995 06-12-1994 28-03-1995 20-08-1996 09-02-1993 06-12-1994 27-02-1991